

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

1. - 68. (Canceled).

69. (Previously Presented) A surgical device, comprising:

a longitudinal axis;

a distal ring;

a proximal ring;

a wound retracting sleeve extending between the proximal ring and the distal ring and movable relative to the proximal ring from an insertion configuration to a retracting configuration to retract laterally a wound opening, an axial extent of the wound retracting sleeve between the distal ring and the proximal ring being shorter in the retracting configuration than in the insertion configuration; and

a sealing member coupled to the proximal ring, the sealing member including

at least three accessways to facilitate sealed access through the retracted opening, the accessways being located an axial distance proximal the proximal ring and configured to seal surgical instruments extending through the accessways.

70. (Previously Presented) The surgical device of claim 69, where at least one accessway includes a seal.

71. (Previously Presented) The surgical device of claim 70, wherein the seal includes a lip seal.

72. (Previously Presented) The surgical device of claim 70, wherein the seal includes an iris valve.

73. (Previously Presented) The surgical device of claim 69, wherein the sealing member is releasably coupled to the proximal ring.

74. (Previously Presented) The surgical device of claim 69, wherein the sealing member is rotatable in a sealed manner.

75. (Previously Presented) A surgical device, comprising:
a longitudinal axis;
a distal ring;
a proximal ring;
a wound retracting sleeve extending between the proximal ring and the distal ring and movable relative to the proximal ring from an insertion configuration to a retracting configuration to retract laterally a wound opening, an axial extent of the wound retracting sleeve between the distal ring and the proximal ring being shorter in the retracting configuration than in the insertion configuration; and

a sealing member coupled to the proximal ring, the sealing member including

at least two accessways to facilitate sealed access through the retracted opening, the accessways being located an axial distance proximal the proximal ring,

the accessways each having a central axis, the central axis of each accessway extends through the proximal ring and the axes converge toward one another as they extend distally through the proximal ring, and

at least one accessway includes a seal.

76. (Previously Presented) The surgical device of claim 75, wherein the seal includes a lip seal.

77. (Previously Presented) The surgical device of claim 75, wherein the seal includes an iris valve.

78. (Previously Presented) The surgical device of claim 75, wherein the seal is configured to seal a surgeon's arm.

79. (Previously Presented) The surgical device of claim 75, wherein the seal is configured to seal a surgical instrument.

80. (Previously Presented) The surgical device of claim 75, wherein the at least two accessways include at least three accessways.

81. (Previously Presented) The surgical device of claim 75, wherein the sealing member is releasably coupled to the proximal ring.

82. (Previously Presented) The surgical device of claim 75, wherein the sealing member is rotatable in a sealed manner.

83. (Previously Presented) A surgical device, comprising:
a longitudinal axis;
a distal ring;
a proximal ring;
a wound retracting sleeve extending between the proximal ring and the distal ring and movable relative to the proximal ring from an insertion configuration to a retracting configuration to retract laterally a wound opening, an axial extent of the wound retracting sleeve between the distal ring and the proximal ring being shorter in the retracting configuration than in the insertion configuration; and
a sealing member coupled to the proximal ring, the sealing member including
at least three accessways to facilitate sealed access through the retracted opening, the accessways being located an axial distance proximal the

proximal ring and configured to seal surgical instruments extending through the accessways,

the accessways each having a central axis, the central axis of each accessway extends through the proximal ring and the axes converge toward one another as they extend distally through the proximal ring, and

at least one accessway includes a seal.

84. (Previously Presented) The surgical device of claim 83, wherein the seal includes a lip seal.

85. (Previously Presented) The surgical device of claim 83, wherein the seal includes an iris valve.

86. (Previously Presented) The surgical device of claim 83, wherein the sealing member is releasably coupled to the proximal ring.

87. (Previously Presented) The surgical device of claim 83, wherein the sealing member is rotatable in a sealed manner.

88. (Previously Presented) A surgical device, comprising:
a longitudinal axis;
a distal ring;
a proximal ring;

a wound retracting sleeve extending between the proximal ring and the distal ring and movable relative to the proximal ring from an insertion configuration to a retracting configuration to retract laterally a wound opening, an axial extent of the wound retracting sleeve between the distal ring and the proximal ring being shorter in the retracting configuration than in the insertion configuration; and

a sealing member releasably coupled to the proximal ring, the sealing member including

at least three accessways to facilitate sealed access through the retracted opening, the accessways being located an axial distance proximal the proximal ring and configured to seal surgical instruments extending through the accessways,

the accessways each having a central axis, the central axis of each accessway extends through the proximal ring and the axes converge toward one another as they extend distally through the proximal ring,

at least one accessway includes a seal, and
the accessways are movable.

89. (Previously Presented) The surgical device of claim 88, wherein the seal includes a lip seal.

90. (Previously Presented) The surgical device of claim 88, wherein the seal includes an iris valve.

91. (Previously Presented) The surgical device of claim 88, wherein the accessways are movable together.

92. (Previously Presented) The surgical device of claim 91, wherein the accessways are movable together by rotation of the sealing member.

93. (New) The surgical device of claim 69, wherein the at least three accessways are movable.

94. (New) The surgical device of claim 75, wherein the at least two accessways are movable.

95. (New) The surgical device of claim 83, wherein the at least three accessways are movable.